

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/002179

A. CLASSIFICATION OF SUBJECT MATTER IPC¹ C01B-31/02; C04B-35/52; C04B-41/50; B82B-3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC¹ C01B;C04B; B82B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms)

USPTO, DELPHION, Canadian Patent Database, Esp@cenet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant				Relevant to claim No(s).
X	US 2003/0111334	(Dodelet et al.)	19 June 2003	see entire document	1-6, 8-18, 20-22, 25-35, 37-39, 42-47
X	WO 02/081366	(Dai et al.)	17 October 2002	see entire document	1, 3, 8-11, 13, 20-22, 26-30, 32, 37-39, 42-46
X	US 2002/0150524	(Smalley et al.)	17 October 2002	see entire document	1, 3, 8-11, 13, 15, 20-22, 26-30, 32, 37-39, 42-46
X	JP 2002-179418	(Takahito et al.)	26 June 2002	see entire document	1, 3-6, 8-12, 15-18, 20, 25-30, 32-35, 37, 42-46
X	Li, W.Z., et al., "Large-Scale Synthesis of Aligned Carbon Nanotubes," Science, vol. 274, December 6, 1996, pp. 1701-1703				1-3, 8-11, 13-15, 20-22, 26-29, 31, 32, 37-39, 43-46
A	EP 1096533	(Bower et al.)	02 May 2001	see entire document	1,13, 29
A	WO 01/89716	(Picard et al.)	29 November 2001	see entire document	11, 46
A	US 6,616,986	(Sherman)	09 September 2003	see entire document	11, 12, 46, 47
A	EP 0678345	(Albrecht et al.)	22 December 1999	see entire document	11, 46

[] Further documents are listed in the continuation of Box C. [X] See patent family annex.

* Special categories of cited documents :
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "Z" document member of the same patent family

Date of the actual completion of the international search

18 February 2005 (18-02-2005)

Date of mailing of the international search report

24 March 2005 (24-03-2005)

Name and mailing address of the ISA/CA
 Canadian Intellectual Property Office
 Place du Portage I, C114 - 1st Floor, Box PCT
 50 Victoria Street
 Gatineau, Quebec K1A 0C9

Facsimile No: 001(819)953-2476

Authorized officer

Robert Salvador (819) 997-2166

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International application No.

Information on patent family members

Patent Document	Publication Date	Patent Family Member(s)	Publication Date
US2003111334	19-06-2003	AU5810901 A CA2405176 A1 WO0185612 A2	20-11-2001 15-11-2001 15-11-2001
WO02081366	17-10-2002	AUFR421701D D0 EP1373130 A1 JP2004523460T T US2004149209 A1	17-05-2001 02-01-2004 05-08-2004 05-08-2004
US2002150324	17-10-2002	AU6545698 A CA2283302 A1 EP1015384 A1 EP1375460 A2 JP2002515847T T US6683783 B1 US6749827 B2 US2002085968 A1 US2002096330 A1 US2002094311 A1 US2002098135 A1 US2002102196 A1 US2002127162 A1 US2002127169 A1 US2002136681 A1 US2002136683 A1 US2002159943 A1 WO9839250 A1	22-09-1998 11-09-1998 05-07-2000 02-01-2004 28-05-2002 27-01-2004 15-06-2004 04-07-2002 11-07-2002 18-07-2002 25-07-2002 01-08-2002 12-09-2002 12-09-2002 26-09-2002 26-09-2002 31-10-2002 11-09-1998
JP2002179418	26-06-2002	US2004036403 A1	26-02-2004
EP1096333	02-05-2001	CA2315132 A1 JP3442039 B2 B2 US6277318 B1	18-02-2001 02-09-2003 21-08-2001
WO0189716	29-11-2001	AU6265601 A IT1320196 B1 IT1320780 B1	03-12-2001 26-11-2003 10-12-2003
US6616986	09-09-2003	DE60012733D D1 EP1183406 A1 EP1462542 A1 JP2002541332T T US5916365 A US6342277 B1 US6652924 B2 US2004076751 A1 US2004083949 A1 WO0061833 A1	09-09-2004 06-03-2002 29-09-2004 03-12-2002 29-06-1999 29-01-2002 25-11-2003 22-04-2004 06-03-2004 19-10-2000
EP0678345	25-10-1995	DE69514027D D1 DE69514027T T2 JP3262472 B2 B2 US5599589 A	27-01-2000 31-05-2000 04-03-2002 04-02-1997

BEST AVAILABLE COPY